



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicant: Shuo-Yen Robert Li and Lu Wa Chiang

Case: 4

Serial No. 09/882,113

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Group Art Unit:

Examiner:

Title of Invention: **CONFIGURING EQUIVALENT MULTI-STAGE
INTERCONNECTION NETWORKS IN THE
BIT-PERMUTING STYLE**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

PRELIMINARY AMENDMENT

Enclosed is a Preliminary Amendment in the above-identified application.

Please amend the application as follows.

In the Specification:

Please replace lines 1-3 on page 13 as follows: --

FIG. 21B depicts a (1 2 3) permutation on an 8x8 exchange;

A 1
FIG. 21C depicts a (3 1) permutation on an 8x8 exchange;

FIG. 21D depicts a combined (1 4)(2 3) permutation on an 8x8 exchange;--.

Please replace all of page 240, namely, the "Abstract of the Disclosure", with the following:

--ABSTRACT OF THE DISCLOSURE

Equivalence among bit-permuting networks and the mechanisms for the

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